

ANNUAL PCB REPORT

1983

UNION CARBIDE CORPORATION

SISTERSVILLE, WV

MPM0001316

EPA004741

PCB ANNUAL INVENTORY  
LIQUID FILLED POWER CAPACITORS

YEAR 83

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
1	Sub B NE Wall	3.1	17.6						
2	"	"	"						
3	"	"	"						
4	"	"	"						
5	Comp Bldg. 42 MCC	"	"						
6	"	"	"						
7	Steam Plant C-117E	"	"	1/82	1/82	Paden City	12/6/82	ENSCO	(1),(2)
8	"	"	"	"	"	"	"	"	"
9	Starter E Elliott Bld.	"	"						
10	"	"	"						
11	"	"	"						
12	"	"	"						
13	Sub A MCC	"	"						
14	"	"	"						
15	"	"	"						
16	Sub E1	10.0	56.8						
17	"	"	"						
18	Sub E1 & E2	3.1	17.6						
19	"	"	"						
20	"	"	"						

\*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.  
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.  
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.  
(4) Chemical Waste Management Disposal Facility - Located in Emelle, Al

PREPARED BY E. L. Doerflein *E. L. Doerflein* 4/17/84

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21	Sub E1 & E2	3.1	17.6						
22	"	"	"						
23	"	"	"						
24	"	"	"						
25	"	"	"						
26	"	"	"						
27	"	"	"						
28	"	"	"						
29	"	"	"						
30	Poly I Tank Farm MCC	"	"						
31	"	"	"						
32	"	"	"						
33	"	"	"						
34	"	"	"						
35	"	"	"						
36	Sub G MCC	"	"						
37	"	"	"						
38	Sub B MCC	"	"						
39	"	"	"						
40	"	"	"						

\*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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YEAR 1983

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
41	Sub B MCC	3.1	17.6						
42	"	"	"						
43	"	"	"						
44	"	"	"						
45	"	"	"						
46	"	"	"						
47	"	"	"						
48	"	"	"						
49	"	"	"						
50	"	"	"						
51	"	"	"						
52	"	"	"						
53	Small Scale (SSP)	"	"						
54	Sub D MCC	"	"						
55	"	"	"						
56	"	"	"						
57	"	"	"						
58	Basement Bldg. 1	"	"						
59	"	"	"						
60	"	"	"						

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PCB ANNUAL INVENTORY  
LIQUID FILLED POWER CAPACITORS

YEAR 1982

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
61	Basement Bldg. 1	3.1	17.6						
62	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	"	"	"	"	"	"	"	"	"
64	"	"	"	"	"	"	"	"	"
65	"	"	"	"	"	"	"	"	"
66	"	"	"	"	"	"	"	"	"
67	"	"	"	"	"	"	"	"	"
68	"	"	"	"	"	"	"	"	"
69	"	"	"	"	"	"	"	"	"
70	"	"	"	"	"	"	"	"	"
71	"	"	"	"	"	"	"	"	"
72	"	"	"	11/6/78	11/7/78	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
73	"	"	"	"	"	"	"	"	"
74	"	"	"	"	"	"	"	"	"
75	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
76	Old 42 MCC	"	"						
77	"	"	"						
78	"	"	"	3/6/79	3/7/79	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
79	"	"	"	"	"	Paden City	12/6/82	ENSCO	(1), (2)
80	"	"	"	"	"	"	"	"	"

\*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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4/19/84

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EPA004745

PCB ANNUAL INVENTORY  
LIQUID FILLED POWER CAPACITORS

YEAR 1983

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
81	Old 42 MCC	3.1	17.6	3/6/79	3/7/79	Paden City	12/6/82	ENSCO	(1), (2)
82	"	"	"	"	"	"	"	"	"
83	"	"	"	"	"	"	"	"	"
84	"	"	"	"	"	"	"	"	"
85	"	"	"	"	"	"	"	"	"
86	"	"	"	"	"	"	"	"	"
87	"	"	"	"	"	"	"	"	"
88	"	"	"	"	"	"	"	"	"
89	"	"	"	"	"	"	"	"	"
90	"	"	"	"	"	"	"	"	"
91	"	"	"	"	"	"	"	"	"
92	"	"	"	"	"	"	"	"	"
93	"	"	"	"	"	"	"	"	"
94	"	"	"	"	"	"	"	"	"
95	Bldg. 33	"	"						
96	Sub B Bank B3A	"	"						
97	"	"	"						
98	Sub B Bank B3B	"	"						
99	"	"	"						

\*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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MPM0001321

EPA004746

## TRANSFORMERS

YEAR 1983

\*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for dielectric fluid. Kg PCB =  $\frac{(\text{Gal})(5.675)(\text{PPM})}{10^6}$

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6/28/84

MPM0001322

**EPA004747**

YEAR 1983

PCB ANNUAL INVENTORY  
LIQUID FILLED POWER CAPACITORS

	<u>Quantity</u>	<u>x</u>	<u>PCB's</u> <u>(Kg Each)</u>	<u>=</u>	<u>PCB's</u> <u>(Kg Total)</u>
1. Capacitors in Service on 12/31/83	64		17.6		1126.4
	<u>2</u>		56.8		<u>113.6</u>
Total	66				1240.0
2. Capacitors Removed from Service and Placed in Storage in 1983	0		-		0
3. Capacitors in Storage from Previous Year on 1/1/83	0		-		0
4. Capacitors Transported from Storage to Disposal in 1983	0		-		0
5. Capacitors in Storage on 12/31/83 (2+3-4)	0		-		0
6. Capacitors Transported to Disposal in Previous Years	33		17.6		580.8
<hr/>					
Total of 1 + 4 + 5 + 6	99				1820.8
<hr/>					
Capacitors in Service on 7/2/78	99				1820.8
<hr/>					

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V.11A.12

MPM0001323

EPA004748



YEAR 1983

PCB ANNUAL INVENTORY

TRANSFORMERS

	<u>Quantity</u>	<u>x</u>	<u>PCB's (Kg Each)</u>	<u>=</u>	<u>PCB's (Kg Total)</u>
1. Transformers in Service on 12/31/83	1		0.4		0.4
2. Transformers Removed from Service and Placed in Storage in 1983	0		-		0
3. Transformers in Storage from Previous Year(s) on 1/1/83	0		-		0
4. Transformers Transported from Storage to Disposal in 1983	0		-		0
5. Transformers in Storage on 12/31/83 (2+3-4)	0		-		0
6. Transformers Transported to Disposal in Previous Years	0		-		0
<hr/>					
Total of 1 + 4 + 5 + 6	1				0.4
<hr/>					
*Transformers in Service on 7/2/78	1				0.4

\*Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm; previously used PCB content was 99 ppm.

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V.02A.26

MPM0001324

EPA004749

6/28/85 ADDENDUM

TO

1983 ANNUAL PCB REPORT

UNION CARBIDE CORPORATION

SISTERSVILLE, WV

MPM0001325

EPA004750

YEAR 1983

\*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB =  $\frac{(\text{Gal})(3.76)(190 \text{ ppm})}{10^6}$

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**EPA004751**

YEAR 1983

PCB ANNUAL INVENTORY

HEAT TRANSFER FLUIDS

PCB's  
(Kg Total)

1. Heat Transfer Fluid in Service on 12/31/83	1.19
2. Heat Transfer Fluid Removed from Service and Placed in Storage in 1983	0
3. Heat Transfer Fluid in Storage from Previous Year on 1/1/83	0
4. Heat Transfer Fluid Transported from Storage to Disposal in 1983	0
5. Heat Transfer Fluid in Storage on 12/31/83	0

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6/28/85

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EPA004752